

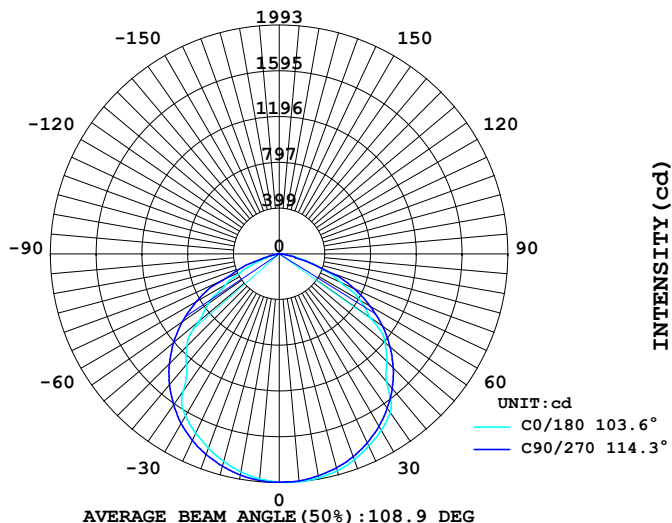
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

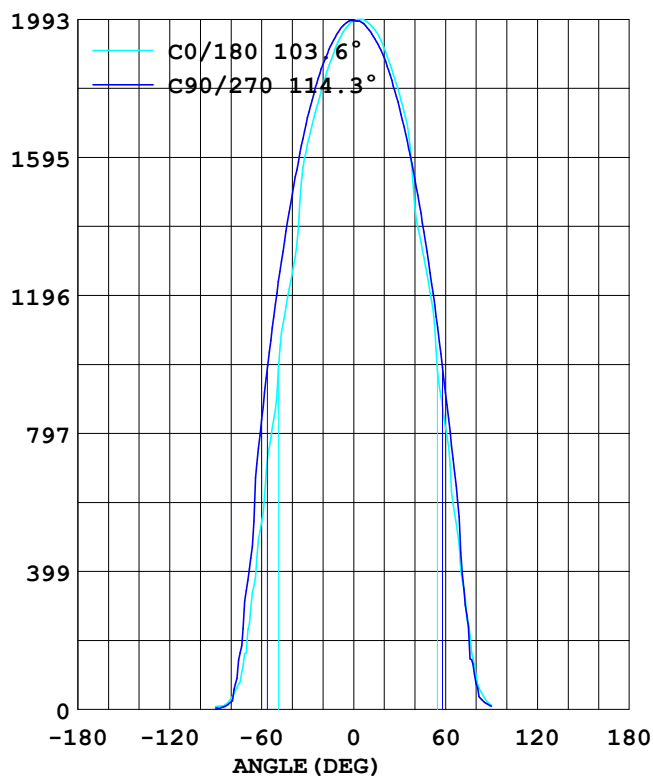
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes A	TYPE: IL-PO29A-N0402C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110EGD	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	1993	S/MH (C0/180)	1.23
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.28
NOMINAL POWER(W)	39	TOTAL FLUX(lm)	5195.1	Voltage(V)	231.1
RATED VOLTAGE (V)	232	EFFICIENCY (lm/W)	134.8	Current(A)	0.166
NOMINAL FLUX(lm)	5195.2	η up (%)	0.0	Power(W)	38.54
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.921
TEST VOLTAGE (V)	231.1	Effective Flux(lm)	5195.2	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



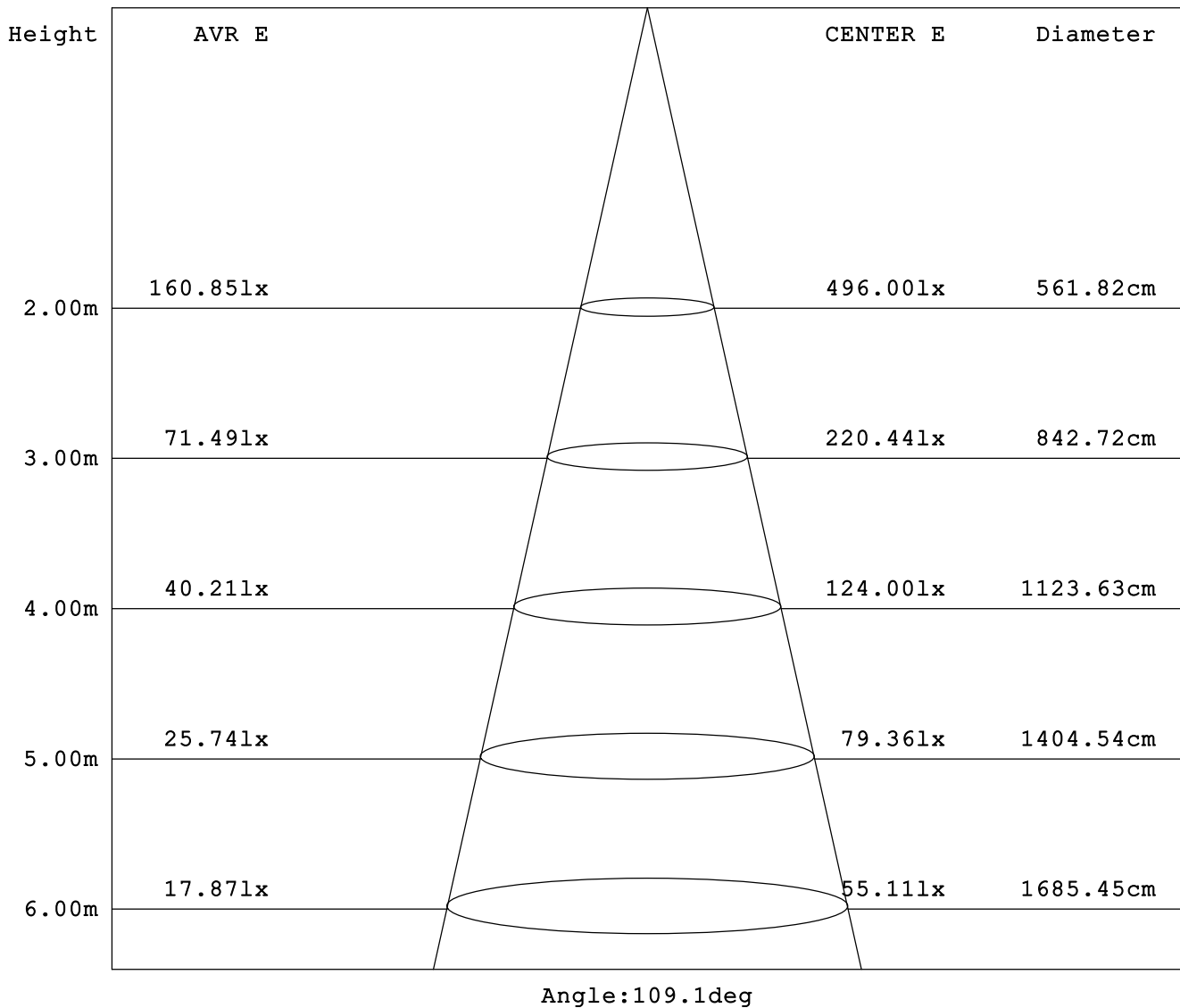
Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2025.07.01

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

AVERAGE AND CENTER E Figure

Report number:

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Operators:
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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、3000K、110EGD	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1968	1976	1982	1981	1993	1988	1986	1984	0- 5	47.48	47.48
10.0	1929	1946	1956	1955	1982	1971	1964	1961	5- 10	140.9	188.4
15.0	1871	1899	1916	1914	1956	1940	1928	1926	10- 15	229.9	418.4
20.0	1803	1835	1862	1855	1910	1896	1883	1874	15- 20	311.8	730.3
25.0	1723	1759	1794	1785	1848	1829	1817	1803	20- 25	383.7	1114
30.0	1632	1668	1710	1699	1776	1749	1736	1717	25- 30	443.4	1558
35.0	1461	1564	1605	1574	1691	1657	1643	1622	30- 35	488.7	2046
40.0	1259	1426	1488	1407	1453	1546	1534	1510	35- 40	510.3	2557
45.0	1139	1242	1355	1283	1327	1354	1405	1334	40- 45	511.4	3068
50.0	910.4	1098	1202	1111	1205	1221	1262	1179	45- 50	496.7	3565
55.0	757.1	913.3	1032	885.7	969.8	1073	1102	1028	50- 55	461.4	4026
60.0	543.7	698.7	837.7	726.1	815.5	822.0	915.7	780.4	55- 60	401.9	4428
65.0	357.6	493.1	544.2	505.1	595.3	656.4	724.3	614.2	60- 65	323.8	4752
70.0	163.0	278.5	343.4	298.6	403.5	447.0	452.9	408.6	65- 70	231.5	4984
75.0	72.69	106.6	143.3	126.0	250.2	224.3	237.9	198.0	70- 75	131.6	5115
80.0	31.21	30.63	20.98	39.88	99.24	86.04	74.23	74.12	75- 80	55.33	5171
85.0	10.88	10.29	7.134	12.91	36.60	25.09	23.05	22.67	80- 85	18.02	5189
90.0	8.503	6.571	4.135	6.508	12.96	8.382	9.719	6.973	85- 90	6.491	5195
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:
Temperature:25.3DEG
Operators:
Test Date:2025.07.01

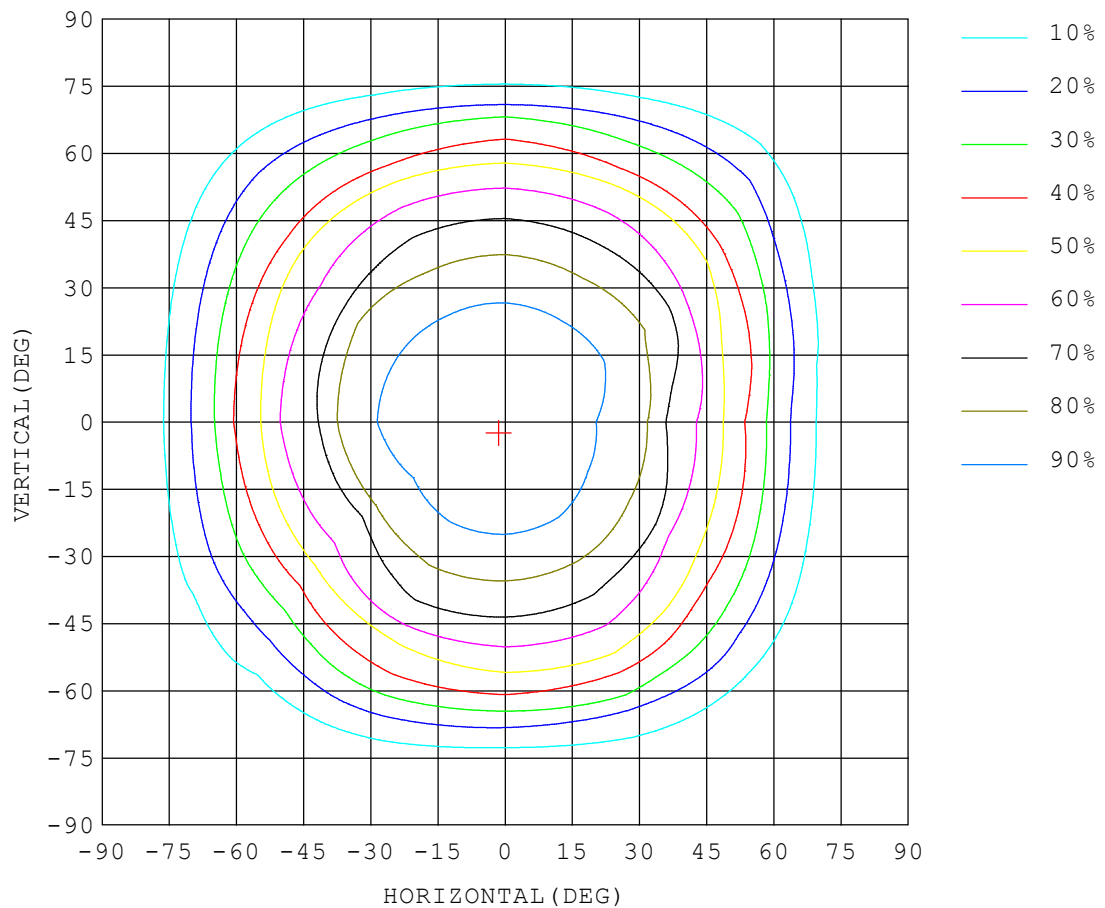
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ISOCANDELA DIAGRAM

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SPECIFICATION: 2835LED、3000K、110EGD	DIMENSION:	SERIAL No.:

UNIT: cd



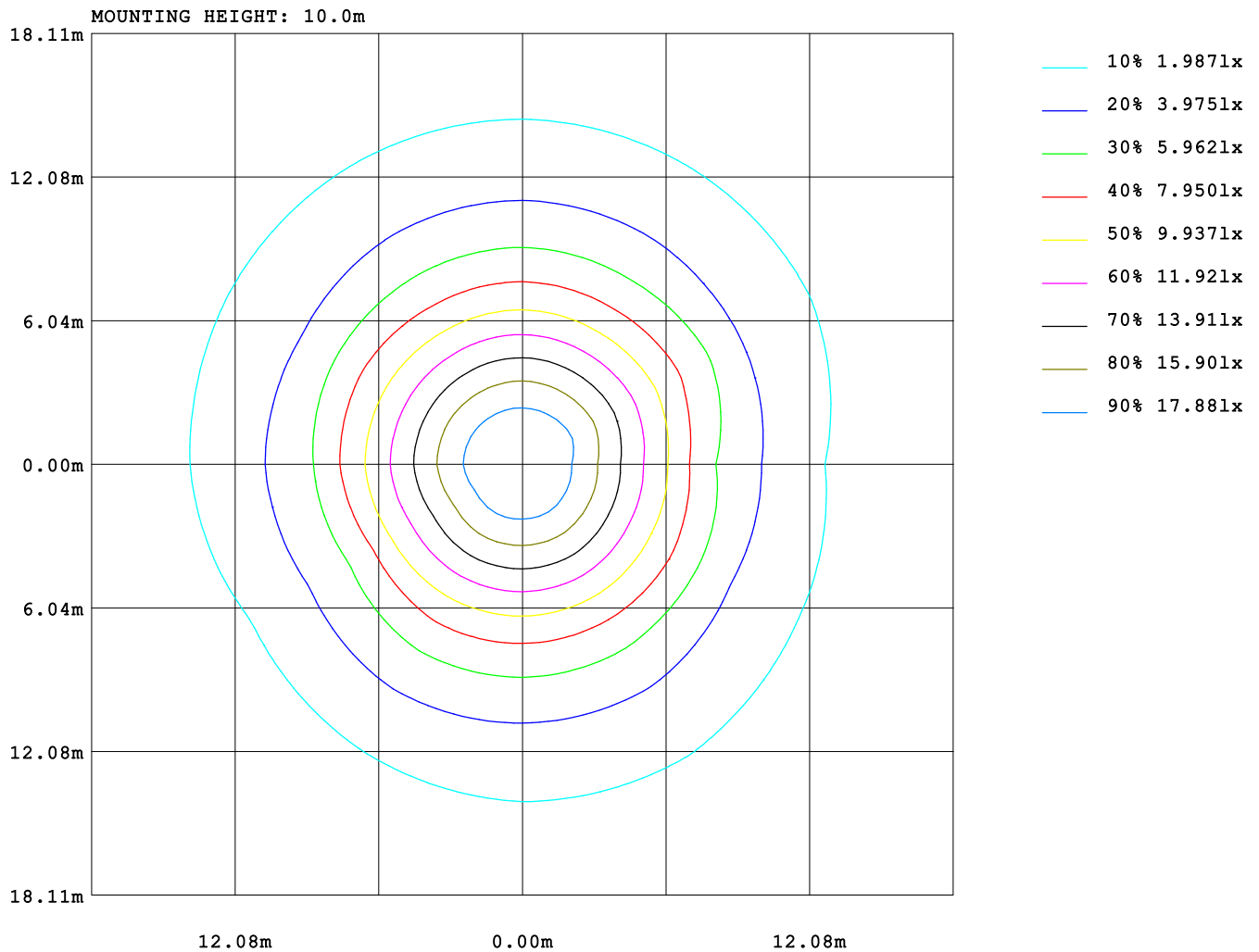
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Temperature: 25.3 DEG
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989
5.0	1968	1974	1979	1982	1985	1978	1993	1990	1986	1986	1982	1985
10.0	1929	1938	1954	1956	1959	1952	1982	1975	1967	1964	1958	1964
15.0	1871	1886	1911	1916	1921	1906	1956	1948	1932	1928	1922	1930
20.0	1803	1817	1854	1862	1867	1843	1910	1905	1887	1883	1872	1876
25.0	1723	1737	1780	1794	1797	1774	1848	1837	1821	1817	1802	1803
30.0	1632	1643	1693	1710	1709	1688	1776	1762	1736	1736	1714	1721
35.0	1461	1542	1585	1605	1610	1538	1691	1673	1641	1643	1616	1628
40.0	1259	1389	1463	1488	1490	1324	1453	1566	1527	1534	1497	1523
45.0	1139	1151	1333	1355	1359	1206	1327	1309	1399	1405	1365	1302
50.0	910	1013	1182	1202	1161	1062	1205	1187	1256	1262	1224	1135
55.0	757	813	1014	1032	948	824	970	1052	1094	1102	1062	995
60.0	544	622	775	838	790	662	816	803	841	916	808	752
65.0	358	413	573	544	559	451	595	654	659	724	630	599
70.0	163	258	299	343	317	280	404	439	455	453	415	403
75.0	72.6	84.3	129	143	141	111	250	242	206	238	190	206
80.0	31.2	25.4	35.7	20.9	45.7	33.9	99.2	95.8	76.2	74.2	69.9	78.2
85.0	10.8	5.48	15.0	7.13	17.3	8.47	36.6	33.3	16.8	23.0	14.8	30.4
90.0	8.50	4.03	9.10	4.13	9.09	3.92	12.9	12.1	4.65	9.71	4.03	9.91

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